



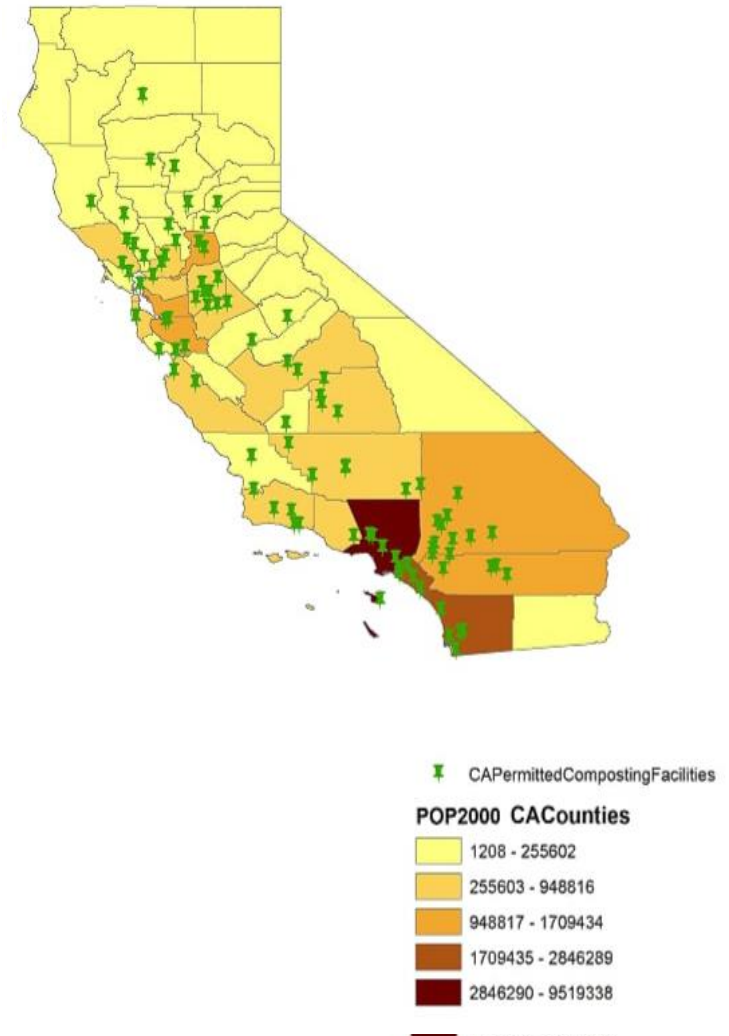
ASSOCIATION OF
COMPOST
PRODUCERS

CA Organics Expansion

The need for compost markets

California Compost Industry

- Over 200 permitted facilities
- 6 million tons recycled
- 16 million cubic yards compost produced
- Diverse:
 - Community to industrial facilities throughout the state



CalRecycle's Regions

Region Map



Region	Capacity	Throughput	Available
Bay	2,300,000	1,800,000	500,000
Central	1,400,000	1,100,000	300,000
Northern	500,000	400,000	100,000
Southern	4,000,000	3,000,000	1,000,000

Source – CalRecycle SWIS

- Each region has unique challenges
- Southern doing half the state's composting
- Cannot increase to double or triple without significant market improvements



• CalRecycle's Regions

1. Northern California
2. Extended Bay Area
3. Central California
4. Southern California

- Urban areas clustered more in the south coast
- Proximity to high quality ag land less in the south
- More supply requires increased demand or more truck miles

What's needed to boost markets?

- **Support the development of a statewide organics market analysis → diversion to lands**
 - Consistent market definitions, jurisdictions and with AB 901
 - Regular updates (automated reporting tools)
 - MUST protect individual non-disclosure of sensitive information
- **Extend "State Buy Recycle" programs & mandate a compost purchase ordinance**
 - Start with Model Water Efficient Landscape Ordinance (MWELO), extend to "Sustainable Landscapes," guidelines www.SustainableLandscapesSD.org or www.RescapeCA.org
 - Apply to jurisdictions
 - Large green spaces (no matter the owner of those properties)
 - State & County Roads, Parks, Grazing lands, management agencies
 - Work with local RCD's, UCCE, Ag Commissioners, esp. Federal lands (National Forest Service and BLM).
 - Work with ACP to support new legislation, only if needed



What's needed to boost markets?

- **State agencies and Local Jurisdictions require compost for stormwater & erosion control:**
 - Industrial and Municipal sites - Storm Water Pollution Prevention Program (SWPPP) Compliance, and Industrial General Permit (IGP) for stormwater compliance)
 - Municipal Separate Storm Sewer System (MS4)
- **Pest management programs should be enforced:**
 - Use composted versus uncomposted recycled organics for land application of organics in all croplands



Existing purchasing programs

City of San Diego, CA; 4 cyds, Landscape Conversion Incentive, 1000 sq ft

County of San Diego, CA ; 4 cyds, Landscape Conversion Incentive, 1000 sq ft

Location	Compost Required/ Encouraged	Type	Application
Denver, Colorado	4 cyds	New Construction	1000 sq ft
Washington State	3 inches	Planting Beds	8 inches tilled
Washington State	1 3/4 inches	Turf	8 inches deep for turf areas
Washington State	10% organic content	Settled Soil	8 inches of settled soil
Washington State	5% organic content	Turf	8 inches of turf
Fort Collins, Colorado	3 cyds	Not Specified	1000 sq ft
Greeley, Colorado	3 cyds	Not Specified	1000 sq ft
Boulder, Colorado	3 cyds	Not Specified	1000 sq ft
Castle Rock, Colorado	3 cyds	Not Specified	1000 sq ft
Colorado Springs, Colorado	3 cyds	Not Specified	1000 sq ft
Westminster, Colorado	3 cyds	Not Specified	1000 sq ft
Leander, Texas	25% compost content	Turf	for 2 inches of soil when turf is planted
Prince George's County, Maryland	10% organic matter	Planting Beds	in planting beds
Prince George's County, Maryland	5% organic matter	Turf	in turf areas

Why use lots of compost?

- Demand will create a more sustainable composting infrastructure
- Put carbon into the soil
- Reduce water demand
- Reduce fertilizer and pesticide need
- Local use reduces truck miles
 - Markets are/should be local
 - Hauling from one region to another creates new pollution – does that offset the landfill reduction?

Why use lots of compost?

- Compost provides free ecosystem services that maintain our economic, environmental, and human health.
 - Soil Erosion Control
 - Storm Water Absorption and Filtration (filters out contaminants)
 - Maintenance of Natural Water, Carbon and Nutrient Cycles
 - Regional and Global Climate Regulation
 - Waste Reduction
 - Soil and Plant Health Enhancement

Thank you!

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